

Jan Oliver Oelerich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9575740/publications.pdf>

Version: 2024-02-01

8
papers

106
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Half-occupation approach for the ab initio calculation of strained Ga(AsSb)/GaAs valence band offsets. AIP Advances, 2020, 10, 045207.	1.3	1
2	Segregation at interfaces in (Galn)As/Ga(AsSb)/(Galn)As- quantum well heterostructures explored by atomic resolution STEM. Journal of Crystal Growth, 2019, 524, 125180.	1.5	7
3	Ab-initio calculation of band alignments for opto-electronic simulations. AIP Advances, 2019, 9, 055328.	1.3	1
4	Composition determination of semiconductor alloys towards atomic accuracy by HAADF-STEM. Ultramicroscopy, 2019, 200, 84-96.	1.9	15
5	Composition determination of multinary III/IV semiconductors via STEM HAADF multislice simulations. Ultramicroscopy, 2018, 185, 15-20.	1.9	4
6	Influence of surface relaxation of strained layers on atomic resolution ADF imaging. Ultramicroscopy, 2017, 181, 8-16.	1.9	17
7	STEMsalabim: A high-performance computing cluster friendly code for scanning transmission electron microscopy image simulations of thin specimens. Ultramicroscopy, 2017, 177, 91-96.	1.9	50
8	Surface relaxation of strained Ga(P,As)/GaP heterostructures investigated by HAADF STEM. Journal of Microscopy, 2017, 268, 239-247.	1.8	11